

MARGOLIN, Isay Zakharovich; EYGELES, M.A., prof., doktor tekhn. nauk, retsenzent; LIVSHITS, A.K., ovt. red.; KACHALKINA, Z.I., red. izd-va; SABITOV, A., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

[Coal preparation and dressing of nonmetallic minerals in heavy suspensions] Obogashchenie uglei i nemetallicheskikh is-kopaemykh v tiazhelykh suspenziakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 271 p. (MIRA 14:6)  
(Coal preparation) (Ore dressing)

SOV/127-58-12-14/26

AUTHOR: Margolin, I.Z., Candidate of Technical Sciences

TITLE: Determining the Productivity of Separators and Air Lifts for Heavy Suspensions (Ob opredelenii proizvoditelnosti sepratorov i erliftov dlya tyazhelykh suspensiy)

PERIODICAL: Gornyy zhurnal, 1958, Nr 12, pp 52 ~ 54 (USSR)

ABSTRACT: The author proposes formulae by which the productivity of separators and air-lifts can be calculated. For the trough-shaped separators:  $Q = 180 \cdot Bd \cdot \gamma t/hour$ , where B is the width of trough, d is the largest dimension of pieces of ore,  $\gamma$  is the average specific gravity of the ore. For the conic separators  $Q = 220 \cdot Bd \cdot \gamma t/hour$ , where D is the diameter of the cone. For the drum-like closed separators  $Q = 250 \cdot Dd \cdot \gamma ton/hour$ . The author checked these formulae on the example of the productivity of various foreign concentration plants.

ASSOCIATION: GIGKhS

Card 1/1

Margolin I.Z.

MARGOLIN, I.Z., referent.

Modern flow-sheet of gravity process plants in France for  
dressing tungsten and tin ores (from "Annales des Mines"  
October 1956, January 1957). TSvet.met. 30 no.9:91-96 '57.

(MIRA 10:10)

(France--Ore dressing)

293

AUTHOR: Margolin, I.Z., Candidate of Technical Sciences.

TITLE: Ultra-sonic classifiers. (K voprosu ob ultrazvykovykh klassifikatorakh.)

PERIODICAL: "Tsvetnye Metally" (Non-ferrous Metals),  
1957, No. 1, p. 89, (U.S.S.R.)

ABSTRACT: In this letter to the Editor, the desirability of using in classifiers ultra-sonic vibrations covering a wide range of frequencies is pointed out. Such a classifier has been developed at the Academy of Sciences; it is of a membrane type and very compact in construction.

I. Z. MARGOLIN

3

Hydrocyclone. V. M. Borisov, I. Z. Margolin, and A. I. Anselov. U.S.S.R. 106,747, July 25, 1957. A cyclone for wet classification comprises conical and cylindrical parts with a disk-shaped diaphragm installed above them. The diaphragm is provided with a changeable axial tube. A 2nd diaphragm having a coaxial changeable tube is installed between the diaphragm and an overflow cylinder. The 2 diaphragms delineate a water-filled chamber where solid particles thrown out by centrifugal forces of the ascending stream are collected. M. Hesch

04/6

MITCHELL, David R., editor; DUDAVSKIY, V.I., inzhener [translator]; MARGOLIN,  
I.Z., kandidat tekhnicheskikh nauk [translator]; BRILLIANTOV, V.V.,  
kandidat tekhnicheskikh nauk, redaktor; GARBER, T.N., redaktor  
izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Coal preparation. Translated from the English] Obogashchenie uglia.  
Perevod s angliiskogo V.I.Dudavskogo i I.Z.Margolina, pod red. I.Z.  
Margolina i V.V.Brilliantova. [Moskva] Ugletekhizdat, 1956. 705 p.  
(Coal preparation) (MLRA 10:1)

MARGOLIN, I.Z.

MARGOLIN, I.Z.

letter to the editor on the article of N.V.Churaev. Koll.zhur.17  
no.1:76 Ja-F '55. (MIRA 8:3)  
(Peat--Analysis) (Churaev, N.V.)

MARGOLIN, I.Z.

MARGOLIN, I.Z.

Rapid sedimentation analysis. TSvet.met. 27 no.2:75-77 Mr-Ap '54.  
(MIRA 10:10)

(Sedimentation analysis)

1. MARGOLIN, I. Z.
2. USSR (60c)
4. Mineralogy, Determinative
7. Methodology in the evaluation of mechanical properties of heavy suspensions, applied in the separation of minerals according to their specific weight.  
Dokl. AN SSSR 89, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

MARGOLIN, I.Z., kandidat tekhnicheskikh nauk.

Evaluation of the properties of heavy suspensions. TSvet.met.  
26 no.4:10-15 Jl-Ag '53. (MIRA 10:10)

1. Gosudarstvennyy institut gorno-khimicheskogo syr'ya.  
(Viscosity) (Liquids)

SEDIMENTATION ANALYSIS OF CRUSHED MINERAL PRODUCTS WITH THE AID OF A QUADRANT-FLOAT APPARATUS. I.Z. Margolin. (Zavodskaya Laboratoriya, 1949, vol. 15, Apr., pp. 484-488). (in Russian). A method of determining the size-distribution in suspensions is described. The motion of a counterbalanced float immersed in the suspension from the end of a pivoted arm is observed with the aid of an optical lever. The size-distribution is deduced from the character of the motion of the spot of light. Magnetite suspensions were among those investigated by this method.—S.K.

APPROVED FOR RELEASE: 06/20/2000

**CIA-RDP86-00513R001032320007-3"**

MARGOLIN, I. Z.

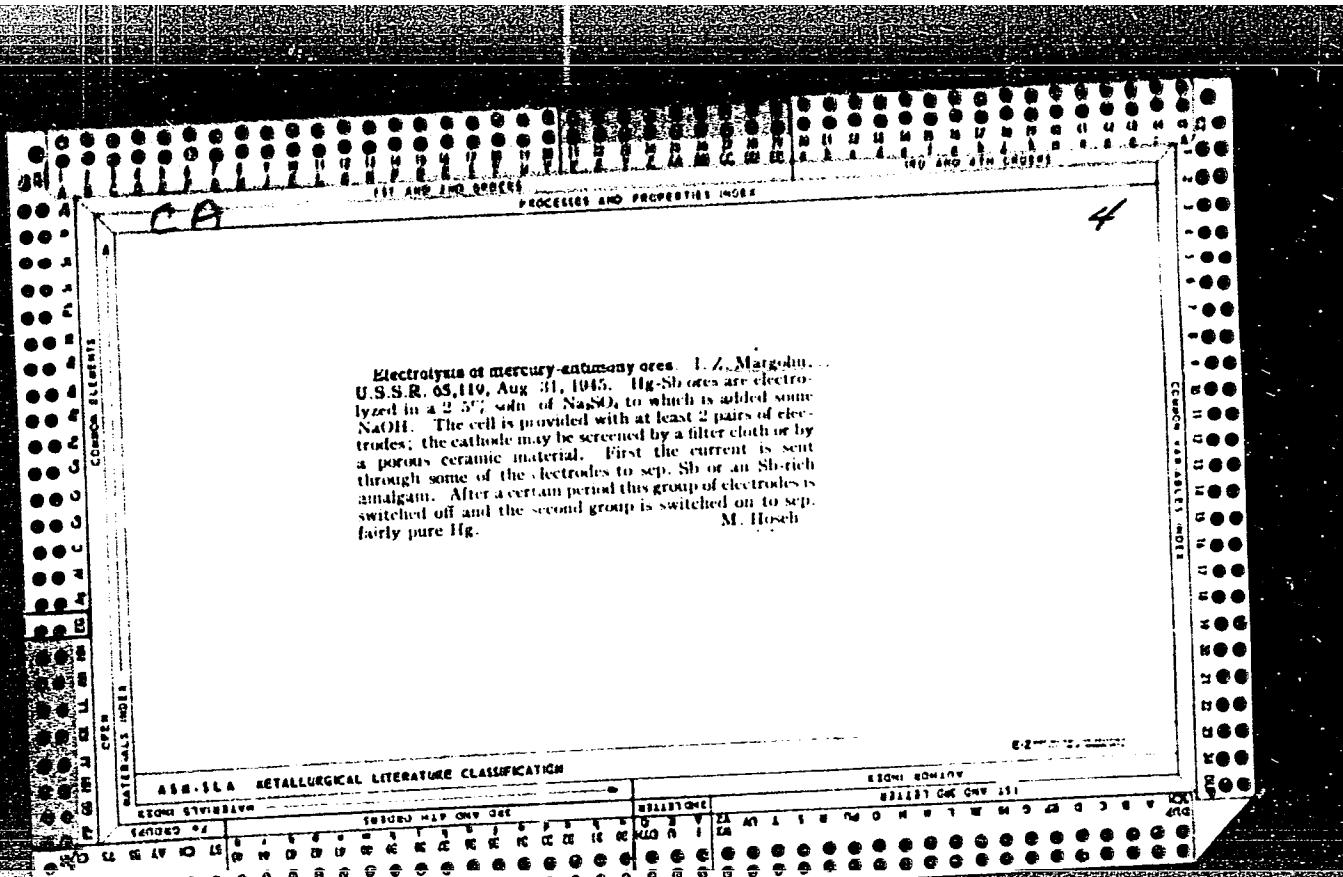
Margolin, I. Z., "Evaluating the Dressability of Ores by the Gravitation Method in Surveying Operations." Razvedka Nedr, No 2, Gosgeologizdat, 1949.

MARGOLIN, I. Z.

"Sedimentation Analysis With the Aid of a Tetragonal Device with a Counterweight,"

SO: Dok. AN, 63, No. 6, 1948.

Mbr., Mining Inst. Dept. Tech. Sci., Acad. Sci., -cl948-.



MARGOLIN, I. Z.

Mining Engineer. "The Theory of Crushing and Pulverization,"(bk) by Engineer,  
G. G. Yegorov. Reviewed by Margolin, I. Z. Tsvet. Met. 14, No 9, Sept. 1939.

Report U-1506, 4 Oct. 1951.

MARGOLIN, I.S., starshiy nauchnyy sotrudnik, kand.tekhn.nauk

Studying the abrasion process in woolen fabrics, Tekst.prom. 25  
no.2:70-72 F '65. (MIRA 1964)

1. Tsentral'nyy nauchno-issledovatel'skiy institut shershtyany  
pronyshlenwesti.

MARGOLIN, I.S.; LUVISHIS, L.A.

Standard rapid determination of the length of washed wool in  
laboratories. Standartizatsiia 26 no.8:39-42 Ag '62.  
(MIRA 15:8)

(Wool--Testing)

MARGOLIN, Il'ya Solomonovich; GAKEL', R.A., retsenzent; LIPKOV, I.A.,  
retsenzent; GORDEYCHIK, G.M., red.; VERBITSKAYA, Ye.M., red.;  
BATYREVA, G.G., tekhn. red.

[Use of synthetic fibers in the textile and knit goods industry]  
Primenenie sinteticheskikh volokon v tekstil'nnoi i trikotazhnoi  
promyshlennosti. Minsk, Rostekhizdat, 1962. 266 p.

(Textile fibers, Synthetic) (MIRA 15:5)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032320007-3

MARGOLIN, I.S., kand.tekhn.nauk (Moskva)

Artificial fur. Priroda 50 no.12:73-75 D '61.  
(Fur, Artificial) (MIRA 14:12)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032320007-3"

MARGOLIN, I.S., kand.tekhn.nauk

Light-weight and fancy yarn made from synthetic fibers. Tekst. prom. 21  
no.1:14-19 Ja '61. (MIRA 14:3)  
(Yarns)  
(Textile fibers, Synthetic)

MARGOLIN, I.S., kand.tekhn.nauk

Knit goods made from mixed synthetic fibers. Tekst. prom.  
20 no. 12:24-29 D '60. (MIRA 13:12)  
(Knit goods) (Synthetic fibers)

MARGOLIN, I.S.; BUNAREVA, Z.S.; RAGUZINA, N.A.

Preparation of bulked yarn. Khim.volok. no.6:53-55 '59.  
(MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo  
volokna.  
(Textile fibers, Synthetic) (Yarn)

MARGOLIN, I. S. Cand Tech Sci -- (diss) "New Methods of Testing  
Fabrics and Felt." Len, 1957. 18 pp with diagrams, 21 cm.  
(Min of Higher Education USSR, Len Textile Inst im. S. M. Kirov),  
100 copies (KL, 18-57, 96)

- 29 -

MARGOLIN, I. S.

Margolin, I. S. -- "New Methods of Testing Fabrics and Felt." Cand Tech  
Sci, Moscow Textile Inst, 21 Jan 54. (VVechernaya Moskva, 11 Jan 54)

So: SUM 168, 22 July 1954

MARGOLIN, J. S.

Journal of Applied Chemistry  
March 1954  
Fibres

(1186)

Testing of fabrics with changing load. J. S. Margolin (*Tekstil*,  
From.; 1862, 18, No. 1, 33-34; *Melland. Textilver.*, 1953, 42,  
1056-1057).—The deformations of fabrics obtained by the usual  
tenacity measuring instruments with simply applied loads are not  
sufficiently informative of the plasticity-elasticity relationship.  
For this fuller information, an instrument is necessary which applies  
a pulsating load. The author's instrument for effecting this (and  
which applies a pulsating load over a wide range of frequencies)  
and its method of operation are described, and results of tests on  
various textile fabrics are explained and discussed.

H. L. WHITEHEAD.

MARCOLIN; I. S.

Textile Industry and Fabrics - Testing

Determining the susceptibility of cloth to crumpling. Tekst. prom. No.5, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, August 1952. UNCLASSIFIED.

MARGOLIN, I. S.

Textile industry and fabrics - Testing

Testing fabrics for repeated stretching., Tekst. prom., no. 1, 1952

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED

38103.

MARGOLIN, I. S.

Metodika opredeleniya opornoy poverkhnosti tkaney. Nauch.-issled. trudy (Nauch.-issled. in-t shershtyanoy prom-st9), vyp. 5, 1949, s. 100-22. - Bibliogr: 5 Nazv

TALYZIN, M.D.; MARGOLIN, I.S.; ROMANOVA, L.S.

Variety of synthetic fibers. Khim.volok. no.5;56-58 '60.  
(MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo  
volokna.  
(Textile fibers, Synthetic)

MARGOLIN, I.S.

Cloth varieties with cotton warp. Tekst.prom.8 no.2:20-22 F'48  
(Textile fabrics) (MIRA 8:11)

MARGOLIN, I. S.

25670 LEYTES, L. G. i MARGOLIN, I. S.

Otsenka stroeniya poverkhnosti tkanej.  
Tekstil. Prom-st', 1948, No. 6, s. 26.

SO: Letopis' Zhurnal'nykh Statey, No. 30, Moskva, 1948

MARGOLIN, I.S., kand. tekhn. nauk, starshiy nauchnyy sotrudnik

Improved method for analyzing the bearing surface of fabrics.  
Tekst. prom. 23 no.12:63-64 D '63. (MIRA 17:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut sherstyanoy  
promyshlennosti.

MARGOLIN, I.S.; KORENDYASOVA, L.V.; STRUZHANOVA, L.A.; KALININA, M.A.

Parallel operation of negative terminals of a trolley bus contact network. Prom. energ. 16 no.2:16 F '61. (MIRA 14:3)  
(Trolley busses--Wires and wiring)

YEFREMOV, I.S., doktor tekhn. nauk; REKITAR, R.A., inzh.;  
ROZENBERG, S.V., kand. ekon. nauk; BLATNOV, M.D., kand.  
tekhn. nauk; VIL'KONETSKIY, M.S., inzh.; TOMILIN, A.I., inzh.;  
POPELYASH, V.N., inzh.; ZAGAYNOV, N.A., kand. tekhn. nauk;  
FINKEL'SHTEYN, B.S., inzh.; MARINOV, I.A., inzh.; ISTRATOV, V.P.,  
inzh.; MARGOLIN, I.S., inzh.; ENGEL'S, G.G., inzh.; ANTONOV,  
V.A., inzh.; SOKOLOV, V.D., inzh.; KLESCHINSKIY, B.K., inzh.;  
IL'INSKIY, A.I., retsenzent; PAPKOV, N.G., retsenzent; SHIRNOV,  
G.M., retsenzent; SHPOLYANSKIY, M.N., otv. red. toma; VOLOCHNEV,  
V.N., red.; TROFIMOV, A.N., red.; RACHEVSKAYA, M.I., red. izd-va;  
LELYUKHIN, A.A., tekhn. red.

[Technical manual on city electric transportation in three  
volumes] Tekhnicheskii spravochnik po gorodskomu elektro-  
transportu v trekh tomakh. Redkollegia: V.N.Volochnev, A.N.  
Trofimov, M.N.Shpolianskii. Moskva, Izd-vo M-va kommun. khoz.  
RSFSR. Vol.1. [City electric transportation (general part)]  
Gorodskoi elektricheskii transport (obshchaia chast'). Otv.  
red. toma M.N.Shpolianskii. 1961. 726 p. (MIRA 15:4)  
(Streetcars) (Trolley buses)

MARGOLIN, I.S.

RYBAKOV, A.D., inzh.; ISTRATOV, V.P., inzh.; MARGOLIN, I.S., inzh.

Ways to eliminate stray currents in Moscow street railways. Gor.  
khcz. Mosk. 32 no.4:24-27 Ap '58. (MIDA 11:4)  
(Moscow—Street railways) (Electric currents, Leakage)

MARGOLIN, I.S., inzhener (Moskva).; ISTRETOV, V.P., inzhener (Moskva).

On parallel supply of the trolley contact circuit from adjacent  
substations. Elektrichestvo no.3:28-32 Mr '57. (MLRA 10:4)  
(Street railways)

MARGOLIN, Isaak Solomonovich; CHEBOTAREV, Yevgeniy Viktorovich; MOLODYKH,  
I.A., redaktor; OFOCHEVA, M.A., redaktor izdatel'stva; ZHOROV, D.M.,  
tekhnicheskiy redaktor

[Economy, calculation and standardization of electric power in  
city transportation systems] Ekonomika, uchet i normirovanie  
elektroenergii na gorodskom elektrotransporte. Moskva, Izd-vo  
Ministerstva komunal'nogo khoziaistva RSFSR, 1956. 97 p.

(Street railways)

(MLRA 9:9)

(Trolley buses)

MARGOLIN, I.I., inzh.

Designing centrifugal clutches with powder fillers. Vest.mashinostr.  
44 nc.1:12-14 Ja '64. (MIRA 17:4)

DYKOV, O.V., inzh.; MARGOLIN, I.I., kand. tekhn. nauk

Selecting characteristics of an electric asynchronous motor for driving  
a self-propelled mine car. Izv.vys.ucheb.zav.;gor.zhur. T no.9.150-153  
'64. (MIRA 18:1)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni  
gornyy institut im. G.V.Plekhanova (for Dykov). 2. Nauchno-issledo-  
vatel'skiy institut po dobyche i pererabotke slantsev Soveta Narodnogo  
khozyaystva Estoneskoy SSR. Rekomendovana kafedroy rudnennego transporta  
Leningradskogo gornogo instituta.

MARGOLIN, I. I., inzh.; IVANOV, I. P., inzh.

Device for measuring torsion moments. Izv. vys. ucheb. zav.;  
gor. zhur. 5 no.8:133-135 '62. (MIRA 15:10)

1. Leningradskiy ordenov Lenina i Trudovogo Krasnogo Znameni  
gornyy institut imeni G. V. Plekhanova. Rekomendovana kafedroy  
gornykh mashin.

(Torsion—Measurement)

MARGOLIN, I.I., inzh.

Selection of the characteristics of powder and shot clutches for  
mine conveyers. Izv. vys. ucheb. zav.; gor. zhur. 5 no.3:99-104  
'62. (MIRA 15:7)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo  
Znameni gornyy institut imeni G.V. Plekhanova. Rekomendovana  
kafedroy rudnichnogo transporta Leningradskogo gornogo instituta.  
(Conveying machinery) (Clutches (Machinery))

MARGOLIN, I.I., inzh.

Design of powder and shot filled couplings. Izv. vys. ucheb. zav.;  
gor. zhur. no.10:133-142 '60. (MIRA 13:11)

I. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni  
gornyy institut imeni G.V.Plekhanova. Rekomendovana kxfedroy  
rudnichnogo transporta Leningradskogo gornogo instituta.  
(Couplings)

Margolin, Igor' Aleksandrovich

MARGOLIN, Igor' Aleksandrovich; RUMYANTSEV, Nikolay Petrovich; VRUBLEVSKIY,  
A.V., inzhener-podpolkovnik, red.; STREL'NIKOVA, M.A., tekhn.red.

[Principles of infrared technique] Osnovy infrakrasnoi tekhniki.  
Izd. 2-oe, ispr. i dop. Moskva, Voen.izd-vo M-va obor. SSSR,  
1957. 307 p.  
(Infrared rays)

Call Nr: QC457.M35

## Fundamentals of Infrared Technique (Cont.)

Diminishing the Reflection of Light by the Glass Surface  
(*Prosvetleniye optiki. Umensheniye otrazheniya sveta  
poverkhnost'yu stekla*), OGIZ, Moscow, 1948]. In 1941 Prof.  
D. D. Maksutov suggested the use of a meniscus for correcting  
mirror aberrations. His system is described (p. 246-247).  
Chapter XIII. Works of Academician L. I. Mandel'shtam (p. 251-252)  
and of prof. V. V. Shuleykin (p. 252) concerning the weakening of  
the flow of infrared rays through dispersion are described.  
Shuleykin developed indicators of dispersion for particles with  
diameters becoming successively larger (p. 253). The book has  
234 illustrations and 48 reference tables. There is no list of  
references.

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Call Nr: QC457.M35

## Fundamentals of Infrared Technique (Cont.)

Chapter VII. The Physics Institute of the Ukrainian Academy of Sciences developed silver-sulfite photocells (фотокатоды). Thallium-selenite photocells were first developed by the Soviet physicist B. T. Kolomiyts under the direction of Academician A. F. Ioffe (pp 134-135).

Chapter VIII. Electron-multiplier tubes developed by Soviet scientists L. A. Kubetskiy in 1934 (p. 141-143), S. A. Vekshinskiy (p. 142-143), and P. V. Timofeyev (p. 143-144, 146) are described.

Chapter X. Prof. B. P. Kobzarev developed in 1950 a photo-electro-optical amplifier (p. 195-197) a detailed description of which is given in *Uspekhi fizicheskikh nauk*, 1951, v.XLIV.

Chapter XII. Systematic studies of problems concerning the diminishing of the reflection of light by the surface of glass and thus increasing the transmission of light were started in the State Optical Institute of the USSR earlier than abroad. As early as 1934, under the direction of Academician I. V. Grebenschchikov, methods were developed for the production of films on the surface of lenses and prisms which diminish or extinguish the reflection of light. Grebenschchikov and his collaborators developed the theoretical bases of this new field in optics (p. 232-233). [Grebenschchikov, I. V., Increasing the Transmission of Light.

Card 4/16

Call Nr: QC457.M35

## Fundamentals of Infrared Technique (Cont.)

Chapter III. An artificial body most closely approximating the black body was first developed by a Russian physicist, V. A. Mikhel'son, in 1893 (p. 28). All later constructions of the black body are based on the principle of Mikhel'son's hollow radiator (p. 29). Another Russian scientist who contributed in this field (1893) was the Academician B. B. Golitsyn (p. 30). (p. 30).

Chapter V. Academician A. F. Ioffe made important studies of the nature of the photoelectric current and of the so-called "Stoletov effect" or effect of resonance of the photoelectric current (p. 80). Contributions in the same field were made by Soviet scientists P. I. Lukirskiy and S. S. Prilezhayev, who was the first to develop the classical method of quantitative checking of the basic equations of the photoeffect. Other contributors in this field were I. Ye. Tamm, P. V. Timofeyev, and N. S. Khlebnikov (p. 80). Experiments with cesium-oxide cathodes to measure changes of its sensitivity were made by N. S. Khlebnikov and N. S. Zaytsev (p. 96).

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Fundamentals of Infrared Technique (Cont.) Call Nr: QC457.M35  
development of infrared technique is emphasized. Introduction.  
Soviet contributions in infrared are presented. The following  
Soviet scientists contributed in the development of infrared de-  
vices which, according to the authors, excel similar foreign  
devices in several basic characteristics: Lebedev, A. A.,  
Landsberg, G. S., Slyusarev, G. G., Tudorovskiy, I. A.,  
Shoshin, I. A. and others. The following Soviet scientists were  
particularly active in the development of separate components of  
infrared devices and in the solution of complex theoretical  
problems: Vavilov, S. I., Glagoleva-Arkad'yeva, A. A.,  
Veyngerov, M. L., Kozyrev, B. P., Levitskaya, M. A., Smirnov, N. D.,  
Terenin, A. N., Timofeyev, P. V., Khlebnikov, N. S., Shuleykin, V. V.,  
and others.

Chapter I. N. I. Pinegin proved that the boundary of the visible  
sector of the spectrum is determined by the power of the radiation  
source and the degree of adaptation of the eye (p. 10).

A. A. Glagoleva-Arkad'yeva (pp 12, 75), studied the infrared rays  
of the least investigated longwave sector and developed a  
special mass-radiator of infrared rays with the wavelength up to  
about 0.1 mm.

Chapter II. Professor N. F. Fedorov (p. 17) built curves of the  
spectral sensitivity of the human eye with the help of apparatus  
for daytime vision and for night and crepuscular vision.

Card 2/16

MARGOLIN' I A

Call Nr: QC457.M35

AUTHOR: Margolin, I. A. and Rumyantsev, N. P., [Deceased]

TITLE: Fundamentals of Infrared Technique (Osnovy infrakrasnoy tekhniki)

PUB. DATA: Voyennoye Izdatel'stvo Ministerstva Oborony Soyuza SSR, Moscow, 1955, 264 pp, number of copies: not given

ORIG. AGENCY: Not given

EDITOR: Iznar, A. N., Engineer-Lt. Colonel, and Vrublevskiy, A. V. Engineer-Major Technical Editor: Kuz'min, I. F.

PURPOSE: The book is intended as a reference and text-book.

COVERAGE: This book is a compilation of several articles which have recently appeared on infrared rays. The physical fundamentals and the technique of infrared radiation as well as problems of propagation and reception of infrared rays are presented together with some reference material. The role of Soviet scientists in the

Card 1/16

MARGOLIN, G.S., prof.; VOROB'YEV, N.Ye., kand. med. nauk

Surgical treatment of actinomycomas of the brain. Trudy SMU 17:  
(MIRA 18:1)  
10-17 '63.

1. Iz kafedry nervnykh bolezney (zav. - prof. G.S. Margolin) i  
kafedry fakul'tetskoy khirurgii (zav. - doktor med. nauk P.P.  
Alekseyev) Smolenskogo gousdarstvennogo meditsinskogo instituta.

STARIKOV, G.M., dotsent, otv.red.; YUDENICH, V.A., prof., red.; OGLOBLIN,  
A.A., prof., zasluzhennyy deyatel' nauki, red.; PETRYALEVA, A.T.,  
prof., zasluzhennyy deyatel' nauki, red.; ANISIMOVA-ALEKSANDROVA,  
V.V., dotsent, red.; MARGOLIN, G.S., prof., red.; KARTAVENKO, A.N.,  
prof., red.; KISELEV, M.S., tekhn.red.

[Forty years of the Smolensk State Medical Institute, 1920-1960]  
40 let Smolenskomu gosudarstvennomu meditsinskому institutu,  
1920-1960 gg. Red.kollegiia: G.M.Starikov i dr. Smolensk, Izd-vo  
Smolenskogo gos.med.in-ta, 1960. 189 p. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniya.  
(SMOLENSK--MEDICINE--STUDY AND TEACHING)

2344 Margolin, G. S.

Alkogolizm I Bor'ba S Nimm. Smolensk, Kh. IZD., 1954. 32s. 22sm. (Vsesoyuz.  
O-Vo Po Raspros-tranemiyu Polit. I Nauch. Znaniy. Smol. Otd-Niye) 5.000  
EKZ. 60k.-  
(54-56005)p 613.81-392

MARGOLIN, G. S.

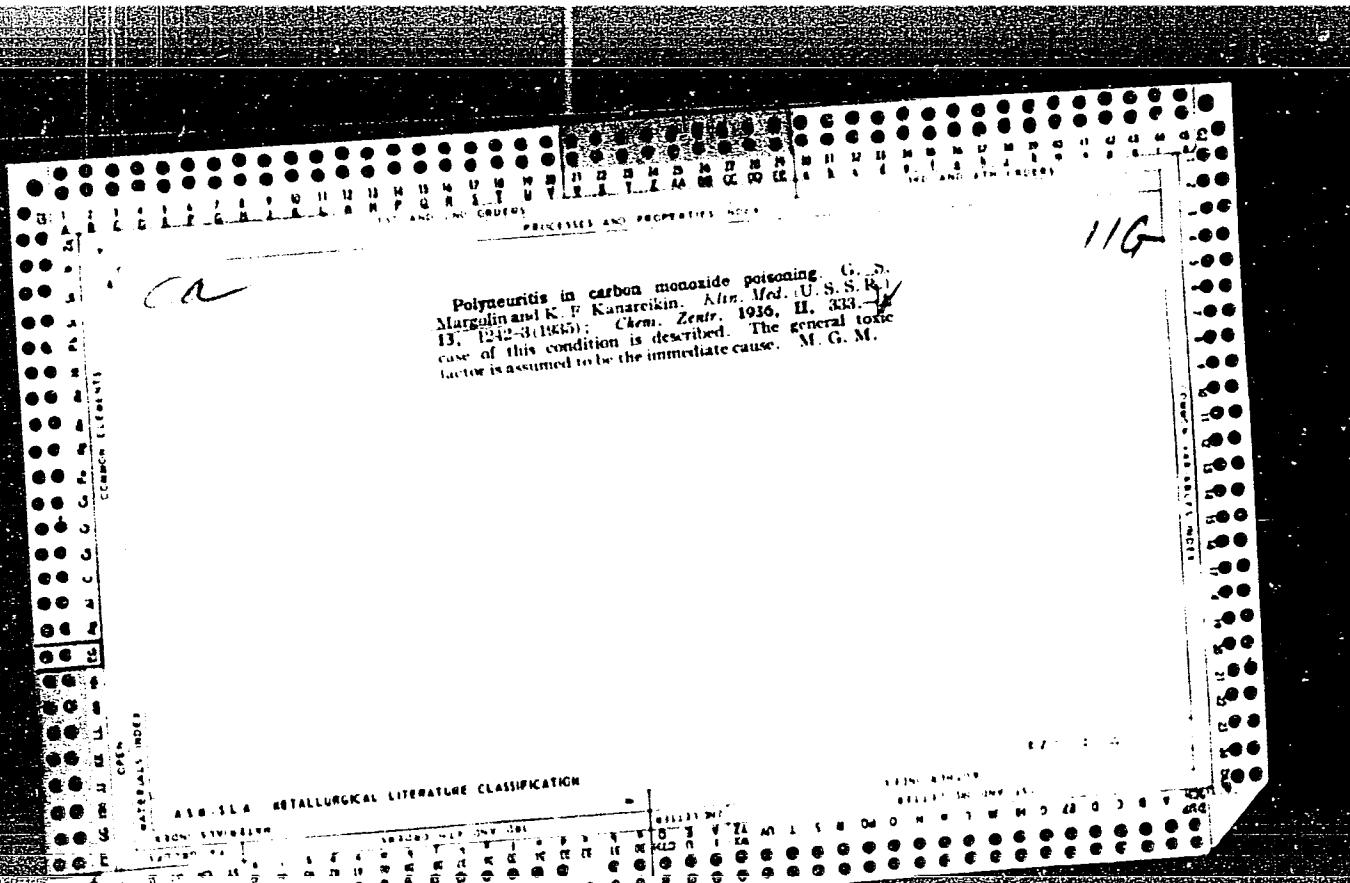
MARGOLIN, G. S. and SOBOLSKY, A. V. "On certain little-known pathological conditions",  
Prudy Smol. nos. med. in-ta, Vol. II, 1948, p.202-05.

See: U-4333, 1. August 53, *Vestopis Zdravstvennogo Stavka*, No. 22, 1953.

MARGOLIN, G. S.

MARGOLIN, G. S. "Endarteritis obliterans of the brain", Trudy Sov. fiz. i -ta,  
Vol. II, 1948, p. 244-51.

SC: U-4003, 1 August 53, (Letopis 'Zurnal 'nykh statey', No. 2), 1948.



MARGOLIN, G.M.

Exteroceptive tonic reflex influences on skeletal muscles and their role in the analyzing activity of the organism; physiological fundamentals of sensation and attention. Izv. Vor. gos. ped. inst. 46:6-80  
'63. (MIRA 18:4)

MARGOLIN, G. M.

Margolin, G. M. "Role of muscles as an indication of sensory functions," Trudy Voronezhsk. med. in-ta, Vol. XIV, 1948, p. 229-40 - Bibliog: 20 items  
SO; U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

L  
MARGOMIN, G. M.

"On the functional relations between motor and sensory spheres of man and animals," report I, Margonin, G. M. "Relation of muscle tonicity to color perception in man," report II, Margonin, G. M. "Muscular tonicity and taste sensations," report III, Margonin, G. M. "Effect of irritations by light on the tonicity of the skeletal musculature of the rabbit," report IV, "On the temporal relations between visual and motor spheres of man," Trudy Voronezhsk. med. in-ta, Vol. XIV, 1948, p. 189-228

SO: U-2888, "stopis Zhurnal'nykh Statey, No. 1, 1949

MHR C 6-14, G.I.

6  
1-4E2C

X-ray study of the nature of rupture under application of impact loading. D. M. Vasiliyev, V. I. Marusin, and N. V. Lisenko. Tech. Rd. 25, 2111-24 (1966). The nature of micro- and submicrodeformation of structure developed in steel samples under the application of impact loading was investigated. A linear relation between the x-ray line expansion and toughness was detected for samples tested for impact deflection at temp. between  $-100^{\circ}$  and  $20^{\circ}$ . This relation was found to be the same for both smooth samples, ruptured at temp. between  $-100^{\circ}$  and  $-120^{\circ}$  and samples with notches, ruptured at temp. between  $-20^{\circ}$  and  $20^{\circ}$ . It was found that with respect to the second-order deformation (microdeformation), the effect of low temp. was equal to sharp incisions. The extrapolation of x-ray line expansion in relation to toughness, to zero toughness (ideally brittle rupture), indicated that in this case, a marked plastic deformation occurred. Paul Palivenco

MARGOLIN, G.I., inzhener; DROZDOVSKIY, B.A., inzhener; ORLETS, P.I.,  
inzhener.

Junction lines in shaped steel castings. Stal' 7 no.1:58-62  
'47. (MLRA 9:1)

1.Kirovskiy zavod.  
(Steel castings)

MARGOLIN, Grigoriy Gavrilovich, [Markolyn, H.H.], inzh.; PISARENKO, M.G. [Pysarenko, M.H.], red. izd-va; SHAFETA, S.M., tekhn. red.

[Repair of radio receivers] Remont radioprymachiv. 3 vyprav-  
lene ta dop. vydannia. Kyiv, Derzhmekhvydav URSR, 1963.  
179 p. (MIRA 16:10)

(Radio--Maintenance and repair)

BOVA, Nikolay Timofeyevich; MARGOLIN, Grigoriy Gavrilovich; ROZENBERG,  
N'yuton Markovich; SAVANCHUK, V.O., redaktor; DOBRONEVS'KIY, O.V.,  
redaktor; POLITIYENKO, S.R., tekhnicheskiy redaktor

[Principles of radio engineering; a textbook for students in secondary  
schools] Osnovy radiotekhniki; posibnyk dlia uchenniv seredn'oi shkoly.  
Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1957. 229 p.  
(Radio) (MLRA 10:4)

MARGOLIN, G.G. (Kiyev)

Modeling vibrations of systems with nonlinear rigidities.  
Prikl. mekh. 1 no.12:113-116 '65. (MIRA 19:1)

1. Institut mekhaniki AN UkrSSR. Submitted April 5, 1965.

SHMERKOVICH, V.M.; MARCOLIN, G.A.

Two-way heat exchangers in the annular space. Mash. i  
neft. obor. no.3:7-9 '64. (MIRA 17:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy  
institut neftyanogo mashinostroyeniya.

SHMERKOVICH, V.M.; MARGOLIN, G.A.

Enlarged TTO-24 "tube in tube" heat exchanger. Mash. i neft.  
(MIRA 17:8)  
obor. no.4:8-9 '63.

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy insti-  
tut neftyanogo mashinostroyeniya.

SHMERKOVICH, V.M.; MARCOLIN, G.A.; RENNEVA, V.V.

Standard heaters with steam space. Mash. i neft. obor. no.3:  
16-19'63 (MIRA 17:7)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy  
institut neftyanogo mashinostroyeniya.

MARGOLIN, F.

Bread dish with holders for spices. Obshchestv. pit. no.4:61  
Ap '58. (MIRA 11:4)  
(Tableware)

MARGOLIN, F.

Containers for carrying food. Obshchestv. pit. no.1:44 Ja '58.  
(MIRA 11:3)

(Containers) (Food industry--Equipment and supplies)

MARGOLIN, E.I., kapitan meditsinskoy sluzhby; SHEKHTMAN, N.M., mayor  
meditsinskoy sluzhby

Prescription charts for regimental medical stations. Voen.-  
med. zhur. no.7:79 J1 '59. (MIRA 12:11)  
(MEDICAL RECORDS)

MARGOLIN, E.I., kapitan med. sluzhby; SHEKHTMAN, N.M., mayor med. sluzhby

Organization and methods for rendering self and mutual aid to  
troops in minor injury cases. Voen.-med. zhur no.5:91 My '57 (MIGA 12:7)  
(WAR--RELIEF OF SICK AND WOUNDED)

L 10518-66

ACC NR: AP5027177

molecule which has absorbed the radiation energy and as a result of interaction of primary activated products, for example, H and NH<sub>2</sub>, with peptide molecules. The results are compared with the spectra obtained during radiolysis of aqueous solutions of glycylglycine, glycylvaline, and glycylleucine at -150C. Orig. art. has: 3 figures and 1 table.

SUB CODE: 07, 20 / SUBM DATE: 23Jun64 / ORIG REF: 004 /

Cart 2/2

L 10518-66 EWT(1)/EWT(m)/EEG(k)-2/EWP(j)/EWA(m)-2/EWA(h)/EWA(l) IJP(c)

ACC NR: AP5027177 WW/JG/AT/RM SOURCE CODE: UR/0076/65/039/010/2510/2514

AUTHOR: Sanayev, B.; Yanova, K. G.; Sharpatyy, V. A.; Ibragimov, A. P.; Margolin, D. M.; Maslov, B. V.

ORG: Moscow Physicochemical Institute im. L. Ya. Karpov (Moskovskiy fiziko-khimicheskiy institut)

TITLE: Radiochemical properties of certain peptides

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 10, 1965, 2510-2514

TOPIC TAGS: glycine, valine, leucine, electron radiation, radiation effect, free radical, electron paramagnetic resonance, irradiation resistance, electron spin resonance, radiation spectrum, radiation chemistry

ABSTRACT: The aim of the study was to determine the radiation resistance of certain simple peptides and the nature of the radical products formed in them during radiotherapy. The polycrystalline peptides glycylglycine, glycylvaline, and glycylleucine were irradiated with 1.7—1.8 MEV electrons, and electron spin resonance (ESR) spectra were recorded during the irradiation with an EPR-2IKhF spectrometer at temperatures from 128 to 295K. The radiation resistance was found to be independent of the irradiation temperature and decreases in the order glycylglycine > glycylvaline > glycylleucine. Analysis of the ESR spectra showed that irradiation of low-molecular peptides at low temperatures causes radicals to be formed from the amino acid residues present in the molecules of the peptide. Radical products can form during radiotherapy of dry polycrystalline samples both as a result of rupture of the bonds in the

UDC: 541.12.01

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B

SANAYEV, B.; YANOVA, K.G.; SHARPATYY, V.A.; IBRAGIMOV, A.P.; MARGOLIN, D.M.; MASLOV, B.V.

Radiochemical properties of some peptides. Zhur.fiz.khim. 39  
no.10:2510-2514 O '65. (MIRA 18:12)

1. Moskovskiy fiziko-khimicheskiy institut imeni Karpova.  
Submitted June 23, 1964.

MARGOLIN, D.L.

Chemicalization of agriculture is the most important task of the D. I.  
Mendeleev All-Union Chemical Society. Zhur. VKHO 9 no.4:467-470 '64.  
(MIRA 17:10)

MARGOLIN, D.L.

Fulfillment of the decisions of the December Plenum of the Central Committee of the CPSU is the most important objective of the Mendeleev All-Union Chemical Society. Zhur. VKHO 9 no. 2:228-232  
'64. (MIRA 17;G)

MARGOLIN, D.L.

D.I. Mendeleev All-Union Chemical Society objectives in the  
light of the decisions made by the November (1962) Plenum  
of the Central Committee of the CPSU. Zhur. VKHO 8 no.3:341-  
345 '63. (MIRA 16:8)

MARGOLIN, D.L.

Accelerating the development and introduction of new methods into  
industry is the main objective of the D.I.Mendeleev All-Union  
Chemical Society. Zhur.VKHO 8 no.1:105-109 '63. (MIRA 16:4)  
(Chemistry, Technical) (Chemical societies)

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first prize was given to the lathe operator S. A. Bubnov. The organization of the factory "Komsomol'skaya pravda" of the Leningrad Regional Board held also a competition on automation, and mechanization. The presidium of the Society finally mentioned the work done by the members of the board of the competition and thanks the following persons: the President of the Board Academician S. I. Volkovich, Members Professors V. N. Belov (Vice-President), V. V. Kafarov, A. A. Konkin, D. A. Kuznetsov, P. M. Luk'yanov, Yu. Yu. Lur'ye, the Lecturers A. B. Davankov, Yu. A. Strepikheyev, N. Ye. Khomutov, the Instructor of the board T. I. Gudashova, and many experts such as: Academician M. M. Dutinin, Corresponding Member of the AS USSR B. V. Deryagin, Professors L. I. Korolev, A. N. Kosygin, N. N. Mel'nikov, A. B. Pakshver, P. G. Romankov, P. A. Semenov, D. A. Frank-Kamenetskiy, the Candidates of Science S. M. Zhivukhin, N. P. Zhuk, V. I. Mayborod, S. I. Sibirovich, Ye. I. Sokolov, the Engineers B. Ye. Berkman, I. V. Berodina, K. F. Kondrashov, Z. M. Krutova and many others for the help in examining the presented papers and for the help in the work of the board of the competition.

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Results of competitions of the...

traction with alkylphosphoric acids" by I. S. Levin; "Polarographic study of some nitro-compounds" by Ya. P. Stradyn'; "Intramolecular reversible cyclization of amides by dibenzoylenepyridylperinaphthoic acid and the color reaction on primary amines" by G. Ya. Dubur. Also 7 other papers obtained diplomas of the Society. In the present paper works are finally mentioned which have been granted prizes in competitions of republican, regional, and other boards of the Society. On these competitions were presented in 1960 - 832 papers of which 314 received prizes (100 competitions held with 3379 participants). The following works were mentioned with a short description. Of Ukrainian competitions (31 in 1960) prizes were given to: "New design of a separation apparatus on the basis of new high polymer film-forming materials" by Engineer F. B. Blanshey; "Regeneration of mercury from the sulfide slime of the sodium chloride electrolysis" by S. K. Shcherbak, G. A. Skorokhod, and L. V. Shimanska; "Unit for the mechanization of the stacking of raw bricks on lorries of tunnel driers" developed by Pekker, Kupnis, and Shlevin. In competitions of the Orenburg regional board the work "Electroflootation method for purification of sewage" is noted, which method is introduced into production by a group of members of the Society - Shvetsov, Terskiy, and Levchenko. In a competition held by the leading organization of the Society in one enterprise of the Gor'kiy regional boards on the improvement of technological processes, the

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Protection (Leningrad)] in combat against rats). Diplomas and third prizes received: the paper "Preparation of new herbicides on the basis of chloral" by E. V. Sonin, L. A. Petrukhina, V. V. Romanova, N. P. Vorob'yev, K. F. Kondrashov, V. I. Grunchenkov, and A. M. Nazarova. Two further works obtained diplomas of the Society. VII. In the competition of the works accomplished by young specialists a diploma and first prize was granted to the papers "Reaction of ethyleneamine and formaldehyde" and "Reaction of ethyleneamine with carbonyl compounds" by R. G. Kostyanovskiy. Diplomas and second prizes received: "New method for the synthesis of cyclobutadiene hydrocarbons" by M. G. Kuzmin; "Distribution of the substance in solutions and in metallic alloys: 1) refinement of the calculation of the concentration polarization, 2) calculation of the concentration polarization at non-stable conditions of electrolysis by the operation method, 3) derivation and solution of the differential equation, which describes the transport of the substance at electrodiffusion in metallic alloys" by L. P. Kholpanov. Diplomas and third prizes were given to the following papers: "Purification of synthetic alcohol by the method of hydrogenation" by S. S. Zaytseva; "Investigations of jute glucosides and synthesis of 19-nor-11-desoxycorticosteroneacetate on their basis" by M. B. Gorovits; "Separation of indium from lead containing materials by ex-

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and second prize were granted to the paper "Glass tank furnaces for continuous melting of 'Pyrex' glass" by A. A. Golubev, and B. M. Agal'tsov (these tank-furnaces were first introduced in the glass factory "Pobeda truda"). Diplomas and third prizes received "Investigations in the field of borate glasses" by L. A. Mazelev; "Strengthening of the lining of rotating furnaces" by S. I. Khvostenko; "Investigation of processes and improvement of the technology in the production of carborundum electric heaters" by V. L. Balkevich, and B. I. Polyak. Five more papers received diplomas of the Society. VI. In the competition on investigations of chemical agents for the increase of the productivity of agriculture, diplomas and second prizes obtained the works "On preparation, some physico-chemical properties, testing results, and the possibility of a wide use of stabilized aqueous cyanamide solution as preparation for the defoliation of cotton plants" by N. A. Gol'dberg, and V. G. Golov (the efficiency of this preparation was proved by the Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk [Uzbek Academy of Agricultural Sciences]); "Introduction of semi-industrial production of preparations 'difenatsid' and their use in agriculture" by G. Ya. Vanag, V. N. Zelline, Z. N. Krasnitsyna, and N. A. Sukut ("difenatsid" is 2-diphenylacetylindandione-1,3 and among others used by the zoologicheskaya laboratoriya Vsesouznogo instituta zashchity rasteniy [Leningrad][Zoological Laboratory of the All-Union Institute for Plant Protection]).

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5,60-15 models M-57 and M-59 (M-57 and M-59)" by V. V. Gorokhov, S. G. Leybchik, L. D. Slyudikov, and L. M. Orlova; "Manufacture of pure isobutylene on ion-ex-change resins for the production of high-quality butyl-rubber" by A. T. Menyaylo, M. Ya. Klimenko, Z. N. Verkhovskaya, and L. B. Vystavkina; "Development of an industrial method for the dehydrogenation of butane to butylene and of isopentane to isoamylene in a bubbling layer of pulverized catalyst" by A. N. Bushin, F. K. Mikhaylov, and T. M. Tritskaya; "Development of the method for the production of methylacrylate from the nitrile of acrylic acid" by A. M. Senyushova, K. I. Grebova, O. M. Sleptsova, and Yu. A. Kashevarova; "New method for the preparation of grafted copolymers of polyvinylchloride and rubbers, and impact-resistant materials on this basis" by V. A. Kargin, A. A. Berlin, A. G. Kronman, D. M. Yanovskiy; "Preparation of a heat resistant caprone cord fiber" by N. V. Mirkhayev, V. G. Tokareva, G. N. Tokareva, G. N. Kharitonova, Z. I. Potemkina, and T. N. Ivanova; "Synthesis, investigation, and application of the new rubber accelerator diethylaminomethyl-2-thiobenzothiazole" by B. A. Dogadkin, M. S. Fel'dshteyn, I. I. Eytington, A. L. Shapiro, D. M. Pevzner, N. P. Strel'nikova, and N. N. Ivanova. Diplomas of the Society were given to 10 more authors. V. in the competition for the best investigations on the chemistry and technology of silicates - a diploma.

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kovich, K. V. Neypert, and A. P. Gromov. Diplomas of the Society were given to 7 more papers. IV. In the competition for the best works in the field of manufacture and application of polymers a diploma and first prize received the book "Autohesion and adhesion of high polymers" by S. S. Voyutskiy; diplomas and second prizes were granted to the works: "Development of an industrial method for the separation of isoprene and divinyl" by L. S. Kofman, V. S. Vinogradova, V. M. Lukashina, A. G. Liakumovich, and V. N. Vvedenskiy; "Assembly for the dyeing of viscose fibers in the bulk" by A. A. Antonov, A. G. Bobrik, and M. P. Bobrov; "Development and introduction into industry of the method for the manufacture of the new synthetic fiber 'ftorlon'" by Z. A. Zozulina, G. F. Medvedeva, R. K. Kutnova, A. A. Asmalov, L. V. Alekseyeva, and R. A. Krylova (the method was developed at the kafedra iskusstvennogo volokna Moskovskogo tekstil'nogo instituta [Department of Synthetic Fibers at the Moscow Textile Institute] by Professor Z. A. Rogovin and Lecturer Z. A. Zozulina); "Development of the prescribing and technology of rigid foam-polyurethans of the type ПУ-101 (PU-101)" by A. A. Moiseyeva, T. F. Durascova, and G. V. Troyan. Diplomas and second prizes obtained: "Manufacture and properties of a varnish for rubber foot-gear obtained by oxidation of sodium-butadiene rubber in solution" by B. A. Dogatkin, D. M. Sandomirskiy, T. K. Geller, K. I. Rasshivaline, O. V. Baksht, and S. A. Fedorova; "New designs of tires of the type

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ond prizes received: The book "High-pressure equipment with hermetically sealed drive" by N. Ye. Vishnevskiy, N. P. Glukhanov, and I. S. Kovalev; "Foaming gas scrubbers, heat exchangers, and absorbers" by M. Ye. Pozin, I. P. Mukhlenov, and E. Ya. Tarat; "Investigation of the occurrence of destruction of the lining of chemical equipment and the development of appropriate calculation methods" by A. P. Prozorov; "Automation of the distillation plant for weak liquids of the department for the production of calcinated soda" by A. V. Semke, I. E. Temin, A. G. Kobchenko, and K. F. Rodionov; "Electronic circuit for the direction of a press with a group drive" by V. F. Pivin, V. I. Burov, A. A. Sorokin, V. S. Romeyko, M. Ye. Volkova, and N. I. Poltavin; "Laboratory devices using radioelectronic and semiconductor gauges" by N. V. Dontsov, G. I. Gofman, V. M. Nekrasov, O. I. Shutov, V. G. Filimonov, O. M. Mayzlik; "Optimization of the process of direct ethylene hydration" by V. V. Aronovich, and R. S. Patushinskaya; "The use of bubble devices in the process of absorption of sulfur trioxide in the manufacture of oleum" by V. M. Ramm, Ye. I. Surkov, Yu. V. Aksel'rod, N. M. Gurova; B. G. Vasil'yeva; "Calculations of separation processes on electronic computers" by V. M. Platonov, and B. G. Bergo; "Causes of increased losses of nitrogen oxides in tower systems and the possibilities of their reduction by automation of the process" by B. I. Mord-

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M. V. Koneva, B. S. Ryzhakov, V. D. Vasev, S. K. Shcherbak, and V. V. Rubizov; "Improvement of the method of preparation of acetoaminomaleic ester" by A. I. Vol'fson, G. I. Antyufeyeva, N. S. Litovskaya, I. G. Yakimchuk, and G. I. Bykovskaya-Murav'yeva; "Reconstruction of the oil separator in order to use it for decanting of a circulating gas with water from alcohol and other impurities" by M. V. Zinin; "The use of indene-coumarone resins instead of colophony in (rubber) tie mixes" by V. P. Aref'yev, Kh. N. Borodushkina, P. I. Stepanov, A. K. Yur'yeva, M. A. Kotel'nikova, and Yu. S. Kuz'min; "Manufacture of phthalic anhydride from technical grade naphthalin" by V. A. Lavrishchev, I. A. Troyanov, V. M. Sysa, M. Kh. Tsepennyuk, I. M. Nosalevich, B. M. Pats, A. S. Nepomnyashchaya, and V. I. Filippov; "Development and introduction of a new method for the manufacture of technical naphthalin for phthalic anhydride" by V. Ye. Privalov, V. N. Novikov, M. M. Potashnikov, D. A. Gurevich, S. B. Bykhovskiy, V. V. Antoshin, L. K. Tolstov, and Ye. K. Serebryakova; "Continuous counterflow method of cyclohexanone oxime formation" by Z. S. Smolyan, I. B. Kotlyar, Ts. I. Fogel', V. M. Gulyakov, Ye. N. Kudryavtsev, G. P. Neopikhanov, A. Ya. Bernshteyn, P. A. Kostin, A. I. Potemkin, and P. F. Seroglazov; 16 authors of publications obtained diplomas. III. The following papers were honored for themes on the improvement of technological equipment, of automation and mechanization of the chemical industry: Diplomas and sec-

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diplomas of the Society. II. In the competition for the best investigations on the improvement of the running production the following paper was granted a diploma of the Society and second prize: "Kinetics of the high-temperature decomposition of nitrogen oxides" by A. I. Rozlovskiy. Diplomas and third prizes obtained the following investigations: "Purification of sewage from compounds of hexavalent chromium" by G. N. Bogachev, Ye. N. Pinayevskaya, N. Ya. Antoshkina, A. A. Shcherbakov, L. F. Makarova, and P. I. Panachev; "Investigation of the process of nitric-acid formation in gaseous phase" by I. P. Kirillov, and M. M. Karavayev; "Technical and economical estimation of the preparation methods for elementary sulfur from flotation-pyrite" by G. D. Averbukh, S. L. Krapivner, and A. P. Lats; "Enrichment of weak nitroso gases by the absorption in boiling layer" by M. K. Chernyavskaya, Ye. A. Kazakova, N. V. Sokolova; "Preparation of chromium oxide by reduction of chromate solutions with elementary sulfur" by A. M. Polyak, I. Ya. Popil'skiy, N. R. Krayzman, A. N. Torokin, R. A. Gorokhova, T. S. Ganichkina, and B. V. Mirolyubov; "Manufacture of soda, potash, and potassium sulfate from solutions of non-corroding construction materials for tubular heaters of chloride-chlorine solutions in production of potassium, and sodium chlorates" by A. Ye. Romanishkina.

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Katsman, N. V. Kozinets, M. V. Petrova, N. I. Krausp, G. P. Vysokinskiy, V. G. Kazakovitch, and L. O. Simenyuk; "Preparation of 2,4,5-trichlorophenol by saponification of 1,2,4,5-tetrachlorobenzene with alcoholic alkali solution" by I. A. Troyanov, S. M. Sheyn, V. A. Ignatov, and L. A. Vlasenko; "Development of the synthesis and introduction of inhibitors against atmospheric corrosion" by S. Z. Levin, V. N. Kuchinskiy, V. A. Bakulin, Z. Ye. Kuchinskaya, Kh. L. Zisel'son, O. P. Tukay, A. P. Zusmanovich, and I. I. Potemkina; "New reaction of halogeno-acetonitriles with hydrogen chloride" by Ye. N. Zil'berman, and A. Ya. Lozaris; "Preparation of theophylline and caffeine from uric acid" by V. I. Khmelevskiy, and Ye. I. Abramova; "On the mechanism of solvation of ions" and "Calculation of the entropy of hydration of cations" by S. I. Drakin, and V. A. Mikhaylov; "Polarographic analysis of caprolactam in industrial solutions" and "Polarographic analysis of the aluminum ion" by Ya. I. Tur'yan, and B. P. Zhantalay; "Rapid determination of the concentration ratio of sulfite and bisulfite in sulfite-bisulfite solutions" by G. V. Zavarov; "Application of the molecular infrared-spectroscopy for the quantitative analysis of chloroorganic products" by R. V. Dzhagatpanyan, S. B. Bardenshteyn, V. I. Kolbaskin, and V. I. Zetkin; "Investigation in the field of new complexons" by R. P. Lastovskiy, N. M. Dyatlova, I. D. Kolpakova, and V. Ya. Temkina. The authors of 23 papers were honored also with

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Results of competitions of the...

V. Ya. Shtern. Diplomas of the Society and second prizes were given for: "Investigations in the field of triazene compounds" by A. M. Lukin, G. S. Petrova, K. A. Smirnova, and Ye. Ye. Balkevich; "Preparation of polyatomic alcohols by condensation of aldehydes with formaldehyde" by M. M. Ketslakh, D. M. Rudkovskiy, and F. A. Eppel'; "Development of a method for the manufacture of vinylchlorosilanes" by K. A. Adrianov, S. A. Golubtsov, G. S. Pepeleva, A. A. Larionova, and N. I. Zaslavskaya; "Investigations in the field of molecular distillation" by V. A. Malyusov, N. A. Malafeyeva, N. N. Umnik, and N. M. Zhavoronkov; "Method for the preparation of pyrocatechine" by S. B. Bykhovskiy, and A. A. Kruglikov; "Spectrum analysis of pulverized materials by the method of dilution adding fluxes" by Ye. N. Lesnikova; "Manufacture of hydrofluoric acid by pyrohydrolysis of fluorite" by M. A. Mikhaylov; "The laboratory of M. V. Lomonosov" by N. M. Raskin; "Formation and structure of coal coke" by B. A. Onusaytis. Diplomas and third prizes were given to the following papers: "Electronographic investigation into the structure of the molecule of halogenides of alkali elements" by P. A. Akishin, and N. G. Rambimi; "On the relation between the form of borates separated from a solution and the pH" by G. K. Gode, and M. G. Valyashko; "Semicoking and gasification of solid fuels" by D. I. Rudkovskiy, Ye. K. Remiz, N. D. Gadaskina, S. V.

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8/063/61/006/005/005/006  
A057/A126

AUTHOR: Margolin, D. L.

TITLE: Results of competitions of the Tsentral'noye pravleniye Vsesoyuznogo khimicheskogo obshchestva im. D. I. Mendeleyeva (Central Board of the All-Union Chemical Society imeni D. I. Mendeleyev) for the year 1960

PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva imeni D. I. Mendeleyeva, v. 6, no. 6, 1961, 697 - 701

TEXT: In the present paper a list of honoured investigations in competitions announced by the Central Board of the All-Union Chemical Society imeni D. I. Mendeleyeva for 1960 is presented. Among 221 presented papers, 85 obtained prizes and 76 diplomas of the Society. The competitions were classified in seven groups of which the following papers are mentioned in the present report and short descriptions given: I. In the competition for the best investigations on chemistry, and chemical technology diplomas and first prizes were granted to the papers: "Interaction energy adsorbate-adsorbent and adsorbate-adsorbate in mono-layers on the surface of solid bodies" by A. V. Kiselev (published in ZhFKh, no. 2, 1961); and the book "Mechanism of oxidation of hydrocarbons in the gaseous phase", by

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MARGOLIN, D.L.

Fifth Plenum of the Central Administration of the D.I.Mendeleev  
All Union Chemical Society. Zhur.VKHO 6 no.5:572-577 '61.  
(MIRA 14:10)  
(Chemistry--Congresses)

MARGOLIN, D.L.; RUDAKOV, G.A., prof.

Results of the contest for the best works of the Central  
Administration of the D.I.Mendeleev All-Union Chemical Society  
in 1959. Zhur.VKHO 6 no.1:102-107 '61. (MIRA 14:3)  
(Chemistry, Technical—Competitions)

S/063/60/005/004/001/003  
A003/A001

The Joint Plenary Session of the Central Boards of the All-Union Chemical Society imeni D.I. Mendeleyev and the Scientific Technical Society of the Petroleum and Gas Industry on the Problem of Developing the Petroleum Chemistry and the Basic Organic Synthesis

and to convene republican, oblast' and regional conferences in order to prepare the All-Union Conference. Both societies should cooperate to use the latest achievements of science and technology, to develop new apparatus, high-quality structural materials and to achieve greater safety of the processes. Committees should be organized to promote cooperation between the plants and the National Economic Councils, to organize creative brigades of specialists of the different fields, to promote the introduction of new technological processes, etc. New processes should be introduced in the production of raw material on petroleum base, in the purification of olefins and aromatic hydrocarbons, in the production of polyethylene, ethylene oxide, acrylonitrile, acetic acid, acetylene, etc. Scientific information should be promoted and specialists of the petroleum gas and chemical industries should be sent abroad for study.

Card 5/5

S/063/60/005/004/001/003  
A003/A001

The Joint Plenary Session of the Central Boards of the All-Union Chemical Society imeni D.I. Mendeleyev and the Scientific Technical Society of the Petroleum and Gas Industry on the Problem of Developing the Petroleum Chemistry and the Basic Organic Synthesis

paper on the important role of ionites and the necessity of enlarging their production; Dobkin (director of the Leningradskiy neftemaslozavod im. Shaymyana - Lenin-  
grad Petroleum and Oil Refinery imeni Shaymyan) on the requirements to be fulfilled by lubricants and the synthesis and production of additives; Sedin on developing research work concerning the production of pure and super-pure materials; Makarov (deputy of the director of NII neftyanoy promyshlennosti - NII of the Petroleum Industry) on the inexpediency of erecting oil refineries with a large complex of petrochemical production; Yakovlev (department head of Giprokauchuk) on the necessity of cooperation between petroleum experts and chemists in the developing of corresponding industries in the principal raw material areas, e.g., Bashkiria, Tataria, Ingushetia, etc; Strongin on the development of complex heat-oxidation pyrolysis for the production of acetylene and olefins from gas raw material. The plenary session recommended the societies to convene an All-Union Conference in the IVth quarter of 1960 on the complex utilization of petroleum, natural gases and condensates

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S/063/60/005/004/001/003  
A003/A001

The Joint Plenary Session of the Central Boards of the All-Union Chemical Society imeni D.I. Mendeleyev and the Scientific Technical Society of the Petroleum and Gas Industry on the Problem of Developing the Petroleum Chemistry and the Basic Organic Synthesis

sintez - Institute of Petrochemical Synthesis of the AS USSR), Nazarov (Head of the Chemical Board of the Kuybyshev National Economic Council) declared that brigades of scientists, engineers, designers and workers will speed up the introduction of progressive technological methods. Arenbrister (deputy of the president of the Tatar National Economic Council), Vorobyants (Senior Scientific Coworker of the Kazan' Branch of the AS USSR), Mingareyev (chief engineer of the petroleum board in the Tatar National Economic Council), Nazarov (Kuybyshev), Strongin (Head of the Central Laboratory of the Chernorechenskiy khimzavod - Chernoretskoye Chemical Plant), Dorogochinskiy (deputy director of the Groznetskiy nauchno-issledovatel'skiy neftyanoy institut - Groznyy Scientific Research Oil Institute), Shakhiyev (professor at the Institut neftekhimicheskikh protsessov Akademii nauk Azerbaydzhanskoy SSR - Institute of Petrochemical Processes of the AS SSR Azerbaydzhan) read papers on the resources and possibilities of their regions. Professor Isagulyants (Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. Gubkina - Moscow Institute of Petrochemical and Gas Industry imeni Gubkin) read a

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S/063/60/005/004/001/003  
A003/A001

The Joint Plenary Session of the Central Boards of the All-Union Chemical Society imeni D.I. Mendeleyev and the Scientific Technical Society of the Petroleum and Gas Industry on the Problem of Developing the Petroleum Chemistry and the Basic Organic Synthesis

Industry), the Leningradskiy institut polimerizatsionnykh plastmass (Leningrad Institute of Polymerization Plastics) and Giproplast developed the technology of obtaining polyethylene in tubular reactors and on metal-organic catalysts at low pressure. New polymer materials were obtained, e.g., polypropylene, polyformaldehyde and polycarbonates. The Okhtenskiy khimicheskiy kombinat (Okhta Chemical Combine) of the Leningrad National Economic Council has not yet introduced the process of polyethylene production in a reactor with stirrer at high pressure. The Nauchno-issledovatel'skiy institut sinteticheskogo kauchuka (Scientific Research Institute of Synthetic Rubber) withheld the initial data for developing the production of isoprene rubber by isoprene polymerization in the solution. This delayed the begin of isoprene rubber production at the Sterlitamak synthetic rubber plant. The time needed for developing new technological processes could not be reduced appreciably. In many institutes parallel investigations are carried out. Academician Vol'fkovich (deputy of the president of the Central Board of VKhO imeni D.I. Mendeleyev), Sedin (deputy of the director of the Institut neftekhimicheskogo

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S/063/60/005/004/001/003  
A003/A001

AUTHOR: Margolin, D.L.

TITLE: The Joint Plenary Session of the Central Boards of the All-Union Chemical Society imeni D.I. Mendeleyev and the Scientific Technical Society of the Petroleum and Gas Industry on the Problem of Developing the Petroleum Chemistry and the Basic Organic Synthesis

PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva im. D.I. Mendeleyeva, 1960, Vol. 5, No. 4, pp. 460 - 465

TEXT: On April 14, 1960, a joint plenary session of the NTO of the oil and gas industry and VKhO imeni D.I. Mendeleyev took place in Moscow. The president of the State Committee for Chemistry at the USSR Council of Ministers, V.S. Fedorov, read a paper on the tasks of both societies during the Seven-Year Plan in the field of oil chemistry and basic organic synthesis. The production of synthetic and artificial fibers will increase 4.4 times, plastics and synthetic resins 8 times, etc. The oil chemistry in the USSR is only slightly developed in spite of the ample raw material resources. The Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanoy promyshlennosti (All-Union Scientific Research Institute of the Petroleum)

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S/063/60/005/001/007/009

The 69th Account and Election Congress of the All-Union Chemical Society im.  
D. I. Mendeleyev

Margolin (Scientific Secretary of the Central Board). Members of the Presidium  
of the Central Board: P. P. Budnikov, N. N. Buneyev, D. I. Burovtsev, Yu. M. Butt,  
S. I. Vol'fkovich, V. P. Komarov, D. A. Kuznetsov, I. P. Losev, D. L. Margolin,  
G. S. Markova, L. I. Markov, M. A. Matveyev, K. P. Mishchenko, M. F. Naumenko,  
D. P. Novikov, Z. A. Rogovin, G. M. Strongin, G. V. Uvarov.

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S/063/60/005/001/007/009

The 69th Account and Election Congress of the All-Union Chemical Society im.  
D. I. Mendeleyev

Yu. M. Butt, A. Sh. Valiullin, F. Kh. Voloshin, S. I. Vol'fkovich, N. N. Vorozhtsov,  
I. P. Gvozdarev, Ye. I. Gubina, N. M. Zhavoronkov, V. M. Kakabadze, V. S. Kiselev,  
A. P. Koblyanskiy, V. P. Komarov, V. V. Korsakova, D. A. Kuznetsov, A. I. Lasis,  
Ye. D. Levitskaya, I. P. Losev, P. M. Luk'yanov, D. L. Margolin, G. S. Markova,  
L. I. Markov, M. A. Matveyev, K. P. Mishchenko, P. M. Mostryukov, M. F. Naumenko,  
N. S. Nigmatullina, F. F. Nikolayev, D. P. Novikov, L. Ye. Olifson, A. M.  
Polyak, Kh. T. Raudsepp, N. A. Reshetova, Z. A. Rogovin, N. F. Rumyantseva, K. O.  
Rukhilyan, O. I. Ryzhova, L. I. Svekrova, A. M. Simonov, P. V. Sichkov, A. V.  
Skvortsov, G. M. Strongin, A. G. Taranenko, I. M. Tarasov, N. S. Torocheshnikov,  
G. V. Uvarov, Kh. U. Usmanov, I. I. Chernyyayev, V. F. Chernov, S. V. Shutskiy,  
M. G. Yartsev. The members of the inspection commission of the Central Board of  
the society are: A. N. Afanas'yev, G. G. Borisovich, Ye. V. Mirolubova, A. S.  
Novikov, M. O. Yushkevich. On the 1st Plenary Session of the Central Board of the  
All-Union Chemical Society im. D. I. Mendeleyev the following persons were  
elected: I. P. Losev (President of the Central Board); P. P. Budnikov (First  
Deputy of the President); N. N. Buneyev, D. I. Burovtsev, S. I. Vol'fkovich,  
V. P. Komarov, Z. A. Rogovin, G. V. Uvarov (Deputies of the President); D. L.

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S/063/60/005/001/007/009

The 69th Account and Election Congress of the All-Union Chemical Society im.  
D. I. Mendeleyev

organizations, national economic councils, etc; to set up primary organizations of the Society in all plants of the chemical and silicate industries; to improve the work of the primary organizations by propagating the aims, tasks and activities of the Society, by helping in the solution of engineering problems, etc; the journal "Khimicheskaya nauka i promyshlennost'" should pay more attention to the work of the primary organizations; to control the resolutions taken in conferences; to ask VTsSPS to instruct the trade union of the construction workers that the supervision of the primary organizations in the plants of the construction material industry be improved; to intensify the relations with foreign chemical societies and scientific-technical societies of the silicate industry; to develop the relations and the cooperation with the scientific-technical societies of related industrial branches; to speed up the development of the production of reagents and equipment for chemical laboratories; to convene in 1960 a conference of the central plant laboratories and pilot workshops of the chemical and silicate industries. The following persons were elected as members of the central Board of the All-Union chemical Society imeni D. I. Mendeleyev: A. A. Alent'yev, Yu. Ya. Alekseyeva, V. I. Atroshchenko, Akhmedov Mamed Nadzhab Ogly, V. G. Barkan, P. P. Budnikov, N. N. Buneyev, D. I. Burovtsev, ✓

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The 69th Account and Election Congress of the All-Union Chemical Society im.  
D. I. Mendeleyev

Sverdlov (A. I. Polyak), Yaroslavl' (V. G. Epshteyn), Leningrad (K. P. Mishchenko).  
Papers were read by the following delegates: P. P. Budnikov (Moscow), D. A.  
Kuznetsov (Moscow), G. M. Strongin (Gor'kiy), K. P. Mishchenko (Leningrad), V. I.  
Atroshchenko (Khar'kov), B. M. Kuznetsov (Stavropol'), V. M. Kakabadze (Georgia),  
Krasnyanskiy (Udmurtiya), A. M. Polyak (Sverdlovsk), V. P. Kravets (Chernovitsy),  
B. I. Stepanov (Moscow), G. V. Lazur'yevskiy (Moldavia), N. F. Ponomarev  
(Novocherkassk), Yu. M. Butt (Moscow), M. L. Mirer (Lithuania), K. O. Rukhikyan  
(Armenia), A. A. Alent'yev (Ukraine). The following decisions were taken:  
✓ acceleration of the development of the chemical industry and the industry of  
construction materials; speeding up the technical progress; introduction of  
the outstanding achievements of science; to employ scientists on a broader scale  
in the intensification and improvement of technological processes; to organize  
cooperation brigades of scientists and production workers with the aim of  
increasing productivity, improving the quality of products, etc; active partici-  
pation of the members of the society in the technical commissions of the  
Communistic party, organized in the plants; to fight inertia concerning new  
technology and innovations; to increase the scientific-technical level of the  
Society; to promote a closer contact between the plants, research and design

Card 2/5

RUSINOV, A.A.; VOSKOBONYIKOV, V.N.; DUBINKO, T.P.; ILYUSHIN, V.I.;  
 VRUBLEVSKAYA, F.L.; BUNCHUK, M.I.; RIABEN'KIY, L.M.; MARGOLIN,  
D.I.; SAZYKINA, K.V., kand.ekon.nauk; BUGAREVICH, V.S.;  
 KUPTSOVA, V.A.; KALINOVSKIY, M.D.; MELESHEVICH, O.A.;  
 TYABUT, M.A., red.; LAZARCHIK, K., red.; KALECHITS, G.,  
 tekhn.red.

[Reference book on the establishment of work norms on collective farms] Spravochnik po normirovaniyu truda v kolkhozakh. Minsk,  
 Gos.izd-vo BSSR, Red.sel'khoz.lit-ry. 1960. 151 p.

(MIRA 14:3)

1. Akademiya sel'skokhozyaystvennykh nauk BSSR. Institut ekonomiki. 2. Institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva Akademii sel'skokhozyaystvennykh nauk BSSR (for Voskobonyikov, Dubinko, Ilyushin, Vrublevskaya, Bunchuk, Bugarevich, Kuptsova, Kalinovskiy). 3. Starshiy inspektor Upravleniya po orgkolkhoznym delam Ministerstva sel'skogo khozyaystva BSSR (for Meleshkevich).

(agriculture--Production standards)

00513R001032320007-3

S/063/60/005/001/007/009

AUTHOR: Margolin, D. L.

TITLE: The 69th Account and Election Congress of the All-Union Chemical Society im. D. I. Mendeleev

PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva im. D. I. Mendeleeva, 1960, Vol. 5, No. 1, pp. 97-101

TEXT: The 69-y otchetno-vybornyy s'yezd Vsesoyuznogo khimicheskogo obshchestva im. D. I. Mendeleeva (69th Account and Election Congress of the All-Union Chemical Society im. D. I. Mendeleev) took place in Moscow in October 1959. At the Congress an account was presented on the activities of the Society in the period between 1955-1959. In these years more than 5,000 scientific technical conferences, discussions, sessions, etc., were convened, in which more than 250,000 persons took part. Members of the Society read 25,000 lectures and papers. The number of members increased from 12,500 to 42,000 persons. The following Republican Organizations of the Society and their presidents are mentioned: Armenia (K. O. Rukhikyan), Latvia (A. F. Iyevin'sh), Belorussia (I. M. Tarasov), Bashkiria (I. A. Khrizman); the following Oblast'Organizations: Gor'kiy (G. M. Strongin), Orenburg (L. Ye. Olifson), Perm' (V. F. Chernov),